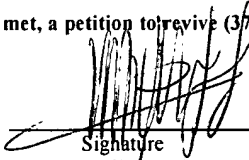


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2003882-0043 (P36186US-M/ECC/CC)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned
INTERNATIONAL APPLICATION NO. PCT/GB2005/000002	INTERNATIONAL FILING DATE January 5, 2005	PRIORITY DATE CLAIMED January 6, 2004
TITLE OF INVENTION NANOPOROUS/MESOPOROUS PALLADIUM CATALYST		
APPLICANT(S) FOR DO/EO/US Kucernak, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). Publication WO2005/067082A2 (39 pp., including front page and 6 sheets of formal drawings) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98. (6 pp.) with PTO Form 1449 (1 pg) and Cited Art (7 references, 4 enclosed) 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. (7 pp.) 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification (26 pp) 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information:		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/285015 TO BE ASSIGNED		INTERNATIONAL APPLICATION NO. PCT/GB2005/000002		ATTORNEY'S DOCKET NUMBER 2003882-0043 (P36186US-M/ECC/CC)		
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee\$300.00 <input checked="" type="checkbox"/> b) Examination fee.....\$200.00 <input checked="" type="checkbox"/> c) Search fee (International Search Report prepared by an ISA other than the US).....\$400.00 TOTAL OF ABOVE CALCULATIONS =\$900.00				Applicant use \$ 300.00 \$ 200.00 \$ 400.00 \$ 900.00	Office use only	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
46 - 100 =	/50 =		x \$250.00	\$ 0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	48- 20 =	28	x \$50.00	\$ 1,400.00		
Independent claims	1 - 3 =	0	x \$200.00	\$ 0.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			\$360.00	\$ 360.00		
TOTAL OF ABOVE CALCULATIONS =				\$ 2,790.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$		
SUBTOTAL =				\$ 2,790.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				\$ 0.00		
TOTAL NATIONAL FEE =				\$ 2,790.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00		
TOTAL FEES ENCLOSED =				\$ 2,790.00		
Amount to be refunded					\$	
Amount to be charged					\$ 2,790.00	
a. <input type="checkbox"/> A check in the amount of \$.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>03-1721</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1721</u> . A duplicate of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Patent Group Choate, Hall & Stewart LLP Two International Place Boston, Massachusetts 02110 Tel: 617-248-5000 Fax: 617-248-4000 Dated: June 28, 2006						
				Signature  _____ Name Nadège M. Lagneau, Ph.D _____ 51,908 _____ Registration Number		

- ☐ PCT Request (pg.)
- ☒ Written Opinion of the International Searching Authority (11 pp)
- ☐ Notification of International Application No. and Filing Date (pg.)
- ☒ International Search Report (6 pp.)
- ☒ Return Postcard
- ☒ Certificate of Express Mail (1 pg)
- ☒ Credit Card Payment Form (1 pg)
- ☐ Notification of Receipt of Record Copy (pg., incl. cover sheets)
- ☐ Notification Concerning Submission or Transmittal of Priority Document (pg.)
- ☐ Statement Under 37 CFR § 1.821 (pg.)
- ☐ Paper Copy of Sequence Listing (pg.)
- ☒ Marked up Specification (27 pp)
- ☒ Formal Drawings (6 sheets)

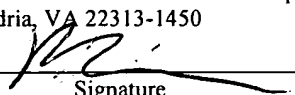
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Mary B. Wilson

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Date of Deposit: June 29, 2006

Docket No.: 2003882-0043 (P36186US-M/ECC/CC)
Customer No. 24280

2005015

JUN 2006

ATTORNEY'S DOCKET NUMBER: 2003882-0043 (P36186US-M/ECC/CC)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kucernak, et al.	Examiner:	To be assigned
Serial No.:	To be assigned	Art Unit:	To be assigned
Filing Date:	June 29, 2006	Conf. No:	To be assigned
From Int. Appl. No.:	PCT/GB2005/000002		
Intl Filing Date:	January 5, 2005		
Priority Date:	January 6, 2004		
Title:	NANOPOROUS/MESOPOROUS PALLADIUM CATALYST		

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

CERTIFICATE OF EXPRESS MAILING

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Signature

Mary B. Wilson

Printed Name

TRANSMITTAL LETTER

Enclosed **for filing** in the above-referenced patent application, please find the following documents:

1. Transmittal Letter to the United States Designated Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 in duplication (3 pp);
2. Copy of the Published International Application WO2005/067082A2 (39 pp);
3. Preliminary Amendment (7 pp);
4. Marked-up Specification (27 pp);
5. Substitute Specification (26 pp);
6. Formal Drawings (6 sheets);
7. International Search Report (6 pp);
8. Statement Filed Pursuant To The Duty Of Disclosure Under 37 CFR §§1.56, 1.97 and 1.98 (6 pp);
9. Form PTO-1449 (1 pg);
10. Cited Art (7 references, 4 enclosed);
11. Written Opinion of the International Searching Authority (11 pp);
12. Certificate of Express Mail (1 pg);
13. Credit Card Payment Form in the amount of \$ **2,790.00** representing the Filing Fee for new '371 application (1 pg); and
14. Return Post Card.

Express Mail No.: EV 853903715 US

Attorney Docket No.: 2003882-0043
Client Ref.: P36186US-M/ECC/CC

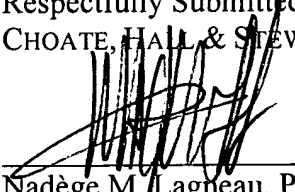
20/585015

2003882-0043 20 JUN 2006

Please charge any additional fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully Submitted,
CHOATE, HALL & STEWART LLP

Date: June 29, 2006


Nadège M. Lagneau, Ph.D.
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